

Amendments to the Claims

1-20. (Canceled)

21. (Currently amended) A mobile terminal for use in a wireless communication, comprising:

a microphone to receive speech signals;

a speaker to provide audio signals;

an antenna to receive/transmit signals;

an input device to receive user interface to control equalizer frequency of the audio signals output to the speaker of the mobile terminal;

an ~~equalizing device~~equalizer configured to adjust a signal to provide equalized signal to the speaker;

a converting device to convert a digital signal received through the antenna into an analog signal;

an equalizer ~~control circuit~~controller adapted to supply a timbre control signal; and

a processor adapted to supply a first control signal corresponding to a frequency band set by a user to the equalizer ~~control circuit~~controller, the equalizer ~~control circuit~~controller to supply the timbre control signal to the equalizer based on the first control signal, the processor further adapted to provide a second control signal to the converting device, and the processor to supply a digital speech signal received from another mobile communication terminal to the converting device.

22. (Currently amended) The mobile terminal of claim 21, wherein the ~~equalizing device~~equalizer comprises a plurality of active filters.

23. (Previously presented) The mobile terminal of claim 21, wherein the converting device comprises a coder and decoder device.

24. (Currently amended) The mobile terminal of claim 21, wherein the timbre control signal adjusts the frequency band of the analog signal input to the ~~equalizing device~~equalizer according to the control signal.

25. (Previously presented) The mobile terminal of claim 21, wherein the microphone provides an analog signal.

26. (Currently amended) The mobile terminal of claim 25, wherein the ~~equalizing device~~equalizer adjusts the analog signal from the microphone and the converting device converts the adjusted analog signal into a digital signal.

27. (Currently amended) A mobile terminal for use in a wireless communication, comprising:

- a microphone to receive speech signals;

- a speaker to provide audio signals;

- an antenna to receive/transmit signals;

- an input device to receive user interface to control equalizer frequency of the audio signals output to the speaker of the mobile terminal;

- a codec configured to decode a coded signal to a decoded signal;

- an equalizer unit configured to adjust the decoded signal received from the codec to provide equalized signal to the speaker; and

- a processor adapted to supply a first control signal corresponding to a frequency band set by a user to ~~the equalizer unit~~an equalizer controller, the ~~equalizer unit~~controller being controlled in response to the first control signal, the processor further adapted to provide a second control signal to the codec, and the processor to supply a digital speech signal received from another mobile communication terminal to the codec.

28. (Previously presented) The mobile terminal of claim 27, wherein the equalizer unit comprises a plurality of active filters.

29. (Previously presented) The mobile terminal of claim 27, wherein the codec comprises a coder and decoder device.

30. (Currently amended) The mobile terminal of claim ~~24~~27, wherein the microphone provides an analog signal.

31. (Previously presented) The mobile terminal of claim 30, wherein the equalizer unit adjusts the analog signal from the microphone and the codec converts the adjusted analog signal into a digital signal.

32. (Currently amended) A mobile communication terminal, comprising:
a speaker;
a microphone;
a codec adapted to convert a digital speech signal into an analog speech signal;
an equalizer configured to adjust a signal to provide equalized signal to the speaker;
an equalizer ~~control circuit~~controller adapted to supply a timbre control signal; and
a CPU adapted to supply a first control signal corresponding to a frequency band set by a user to the equalizer ~~control circuit~~controller, the equalizer control circuit to supply the timbre control signal to the equalizer based on the first control signal, the CPU further adapted to provide a second control signal to the codec, and the CPU to supply a digital speech signal received from another mobile communication terminal to the codec.

33. (Currently amended) A mobile communication terminal, comprising:
a microphone adapted to input a transmitting speech signal;
a speaker adapted to reproduce a received speech signal;
a codec adapted to perform an analog-digital conversion for the transmitting speech signal and a digital-analog conversion for the received speech signal;
a CPU adapted to generate a first control signal according to a frequency band set by a user and to provide a second control signal to the codec;
an equalizer ~~control circuit~~controller adapted to generate a timbre control signal according to the first control signal of the CPU; and
an equalizer adapted to adjust a signal received from the equalizer controller to provide equalized signal to the speaker, the equalizer being connected to the microphone, the speaker and the codec in such a fashion that the equalizer is disposed between the microphone/speaker and the codec.